UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

AUG 01 2014

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL NO.: 7009 1680 0000 7677 8879
RETURN RECEIPT REQUESTED

Mr. Ron Keller
Environmental, Health and Safety Manager
Multek Flexible Circuits, Incorporated
1150 Sheldahl Road
Northfield, Minnesota 55057

Re: Notice of Violation
EPA I.D. No.: MND 006 147 268

Dear Mr. Keller:

On June 10, 2014 a representative of the U.S. Environmental Protection Agency inspected Multek Flexible Circuits, Incorporated (Multek or the facility) located in Northfield, Minnesota. The purpose of the inspection was to evaluate Multek's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the generation, treatment and storage of hazardous waste. We have enclosed a copy of the inspection report for your reference.

Based on EPA's June 10, 2014 inspection that included personal observations made by the inspector, and a review of records and information provided by Multek, EPA finds that Multek is engaged in the management of hazardous waste without a hazardous waste permit, and is in violation of the requirements of the Minnesota Rules (Minn. R.) and the United States Code of Federal Regulations (CFR). To be eligible for the exemption from the requirement to obtain a hazardous waste treatment, storage or disposal permit, Multek must be in compliance with the conditions of Title 40 of the CFR § 262.34(a) which are incorporated by reference into the Minnesota Rules at Minn. R. 7045.0292.

Specifically, we find that Multek is in noncompliance with the following conditions for a hazardous waste storage permit exemption, and in violation of the following requirements:

1. In order to avoid the need for a hazardous waste storage permit, a large quantity generator of hazardous waste must ensure that a container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. In addition, the lid, cap, hinge or closure device must be of sufficient strength and construction that when closed, the container will fully contain the hazardous waste. See Minn. R. 7045.0292 and 7045.0626 [40

CFR §§ 262.34 (a) (1) (i) and 265.173 (a)]. At the time of the inspection, Multek had not closed one (1) container of hazardous waste contaminated rags, as the lid on the container was not secured and not of sufficient construction that when closed, the container would fully contain the hazardous waste

2. In order to avoid the need for a hazardous waste storage permit, a generator may accumulate as much as 55 gallons of hazardous waste at or near the point of generation, which is under the control of an operator of the process generating the waste, if the container holding hazardous waste is closed during storage, except when it is necessary to add or remove waste. See Minn. R. 7045.0292 [40 CFR § 262.34 (c) (1) (i)]. At the time of the inspection, Multek had not kept closed one (1) hazardous waste satellite accumulation container of aerosol cans.

3. In order to avoid the need for a hazardous waste storage permit, a generator may accumulate as much as 55 gallons of hazardous waste in containers at or near the point of generation, which is under the control of the operator of the process generating the waste, if he marks the containers with the words "hazardous waste" or with other words that identify the contents of the containers. See Minn. R. 7045.0292 [40 CFR § 262.34 (c) (1) (ii)]. At the time of the inspection, Multek had not marked one (1) hazardous waste satellite accumulation container of aerosol cans with the words "hazardous waste" or with other words that identified the contents of the container.

4. A large quantity generator of hazardous waste which accumulates hazardous waste on-site for 90 days or less, and which does not meet the conditions for a hazardous waste permit exemption of Minn. R. 7045.0292 [40 CFR § 262.34 (a)], is an operator of a hazardous waste storage facility, and is required to obtain a Minnesota hazardous waste storage permit. See Minn. R. 7001.0050, 7001.0500, 7001.0520, 7001.0530 and 7001.0560 [40 CFR § 270.1 (c), 270.10 (a) and (d)].

By failing to comply with the condition for a permit exemption above, Multek became an operator of a hazardous waste storage facility. Multek failed to apply for and obtain a hazardous waste storage facility permit, and Multek's failure to apply for and obtain a hazardous waste storage facility permit violated the permitting requirements of Minn. R. 7001.0050, 7001.0500, 7001.0520, 7001.0530 and 7001.0560 [40 CFR § 270.1 (c), 270.10 (a) and (d)].

5. A container used by a generator for the storage of used oil must be kept closed. See Minn. R. 7045.0855(2) (C) [40 CFR § 279.22 (c)]. At the time of the inspection Multek had not kept closed one (1) container of used oil.

6. A small quantity handler of universal waste must label or mark clearly each lamp or a container or package in which such lamp(s) is contained with one of the following : "Universal Waste – Lamp(s)" , or "Waste Lamp(s)" or "Used Lamps". See Minn. R. 7045.1400 and 40 CFR § 273.14 (e). At the time of the inspection, Multek had not labeled or marked clearly at least ten (10) containers or packages of lamps and bulbs with one of the following : "Universal Waste – Lamp(s)" , or "Waste Lamp(s)" or "Used Lamps".

7. A small quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound and adequate to prevent breakage. Such containers and packages must remain closed. See Minn. R. 7045.1400 [40 CFR § 273.14 (d) (1)]. At the time of the inspection Multek had not closed at least five (5) containers or packages of lamps and bulbs, and had not contained at least five (5) lamps in a structurally sound container or package.

At this time, EPA is not requiring Multek to apply for a hazardous waste storage permit so long as it immediately establishes compliance with the conditions for an exemption outlined in paragraphs 1 – 3 above. According to Section 3008(a) of the RCRA, EPA may issue an order assessing a civil penalty for any past or current violation and requiring compliance immediately or within a specified time period. Although this letter is not such an order, we request that you submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your response to Diane Sharrow, United States Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604.

If you have any questions or concerns regarding this letter, please contact Diane Sharrow, of my staff, at (312) 886-6199.

Sincerely,

Gary J. Victorine, Chief
RCRA Branch

Enclosure

cc: John Elling, Minnesota PCA (John.Elling@state.mn.us)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 W. JACKSON BOULEVARD
CHICAGO, IL 60604

COMPLIANCE EVALUATION INSPECTION REPORT

INSTALLATION NAME: Multek Flexible Circuits

EPA ID No.: MND 006 147 268

LOCATION ADDRESS: 1150 Sheldahl Road, Northfield, Minnesota 55057

NAICS CODE(S): 334412 Bare Printed Circuit Board Manufacturing
334418 Printed Circuit Assembly

DATE OF INSPECTION: 10 June 2014

EPA INSPECTOR: Diane M. Sharrow
Environmental Scientist / Senior Inspector
Mail Code LR-8J
Land and Chemicals Division
RCRA Branch
Compliance Section 1
(312) 886-6199 Direct
(312) 692-2906 Facsimile
Sharrow.diane@epa.gov

PREPARED BY: _____ 11 July 2014
Diane M. Sharrow — Date
Environmental Scientist / Senior Inspector

REVIEWED BY: _____ 7/15/14
Michael Cunningham, Chief — Date
Compliance Section 1
RCRA Branch

INTRODUCTION

Purpose of Inspection

The purpose of the inspection was to conduct an unannounced Compliance Evaluation Inspection (CEI) at Multek Flexible Circuits, Incorporated (Multek), located at 1150 Sheldahl Road, Northfield, Minnesota 55057. The CEI was conducted to evaluate Multek's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA), and the state and federal regulations related to the management of solid waste, hazardous waste, used oil and universal waste.

Background

A CEI to evaluate compliance with certain provisions of the RCRA, including those regulations related to the management of hazardous waste, was last conducted at Multek on October 19, 2011 by the United States Environmental Protection Agency (EPA). Multek notified EPA that it was a generator of hazardous waste on or about November 14, 1980, and identified itself as a large quantity generator (LQG). Multek manufactures flexible circuits to be used in applications that cannot utilize standard rigid circuits which would break or fail under certain conditions.

Multek most recently identified their hazardous waste on their hazardous waste generator license as follows: Corrosive copper etchant (D002); toxic waste ink (D001); ethylene glycol and oil (D001); oil cleanup rags (D008); wastewater treatment sludge (D008); circuitry scrap (D008); hot solder flux (D008); solder dross lead anodes (D008); plating rinses (D008); toxic pit floor salts (D008); process bath lead (D008); and bath filters (F007).

OPENING CONFERENCE

I arrived at Multek at approximately 10:15 AM. I entered the front of the building and identified myself to the receptionist, presented my enforcement credentials and gave her a business card. I explained that the purpose of my visit was to conduct an unannounced CEI, and asked if I could speak to Ron Keller, the Environmental, Health and Safety Manager. She called Mr. Keller and told me he would join me shortly. She also asked me to sign the visitor log and wear a visitor badge.

A few minutes later I was met by Mr. Keller. I identified myself to Mr. Keller and presented my enforcement credentials. I explained to Mr. Keller that the purpose of my visit was to conduct an unannounced CEI at Multek that included a Records Review as well as a Visual Site Inspection (VSI). He escorted me to a small conference room off the reception area. He asked if I would be conducting a CEI at the Multek operation located across the highway in Dakota County. I told him that I only wished to inspect the Multek in Rice County.

I briefly summarized the records that I would need to review, and provided Mr. Keller with the following documents: the U.S. EPA OECA Small Business Information Sheet; the U.S. EPA Region 5 List of Pollution Prevention Contacts; and pollution prevention information from the Minnesota Pollution Control agency (Minnesota PCA). I indicated that I would like to conduct

the VSI first, and then the Records Review. Mr. Keller explained that some of the records were kept at the wastewater treatment operator's office, some were kept in his office and some were kept in the front office, while others were kept electronically. I also asked him if he could identify where Multek's Hazardous Waste Generator License was posted.

I explained to Mr. Keller that I would be taking photographs, but that I would let him know if I was going to take a photograph so that: 1) he could also take a photograph; and 2) he could inform me whether my photograph captured images or information that Multek wished to protect by asserting a claim of business confidentiality. I also asked him to also verify that my personal safety equipment (steel-toed boots and safety glasses) was adequate. He indicated that was my safety equipment was adequate.

VISUAL SITE INSPECTION

As we left the conference room, Mr. Keller pointed out where Multek's Hazardous Waste Generator License was posted (see Photograph 1). He then escorted me into the manufacturing portion of the facility. Mr. Keller explained the facility manufacturing operations as we walked through the facility. We briefly stopped at a display that highlighted Multek's history and some of Multek's products used by various industries.

In Multek's Wastewater Treatment (WWT) Hazardous Waste Storage Area, I noted twelve fiber board containers of wastewater treatment sludge (see Photograph 2). I observed that all the containers were properly labeled and dated. I also noted that each container held a poly-tote bag or sack (see Photograph 8), and that each fiber container lid was secured with tape. I noted that the signage in the Hazardous Waste Storage Area (see Photograph 3) listed the hazardous waste that could be stored in the Hazardous Waste Storage Area. I also observed one 55-gallon container of hazardous waste that was properly labeled, dated and closed (see Photograph 4).

From the Hazardous Waste Storage Area we proceeded to the WWT Area. I observed six tanks in the WWT Area. Mr. Keller indicated that three of the tanks, T-A, T-B and T-C, are backup tanks and not in use. I observed that Tank T-12 was marked acid regenerate (see Photograph 5), Tank T-13 was marked pit waste (see photograph 6), and Tank T-14 was marked acid copper waste (see Photograph 7). I also noted that all three tanks (T-12, T-13 and T-14), were closed, had secondary containment and were marked with the words, "Hazardous Waste."

Adjacent to the tank area was the WWT Laboratory (Lab). Just outside the lab was a satellite accumulation container for the WWT sludge (see Photograph 8). I noted that the container was labeled as hazardous waste and closed as hazardous waste was not being added or removed.

As we entered the Lab, Mr. Keller introduced me to Lee Pietsch, the WWT operator. I identified myself to Mr. Pietsch and presented my enforcement credentials. I explained that the purpose of my visit was to conduct an unannounced CEI at Multek. Mr. Keller indicated that Mr. Pietsch conducted and maintained the records of daily and weekly inspections in the Lab. He also indicated that the hazardous waste manifests were kept in the Lab. I reviewed the 2011 through 2014 inspections, manifests and land disposal restrictions and found no issues during my review. We left the Lab and proceeded to Maintenance Area. In the Maintenance Area, I observed:

1) ten containers (boxes) of universal waste lamps that were not labeled appropriately; 2) five containers (boxes) of universal waste lamps that were not closed or secured; and 3) five universal waste lamps that were not placed in a container, but sitting on a shelf (see Photograph 9).

We left the Maintenance Area and proceeded to the Hazardous Waste Storage Area. I observed one container of hazardous waste rags (see Photographs 10 and 11). I noted that the aluminum lid (see Photograph 10) on the container of hazardous waste rags did not fit securely, and did not fully contain the waste rags as required under Minnesota's hazardous waste rules. I also observed one hazardous waste satellite accumulation container that was closed (see Photograph 12) and labeled (see Photograph 13), and one used oil container (see Photograph 14) that had a funnel with a lid that was not secured with a latch or locking device. I indicated to Mr. Keller that used oil containers must be kept closed when not in use in Minnesota. In the Hazardous Waste Storage Area, I also observed Multek's aerosol can satellite accumulation area (see Photographs 15 and 16). Mr. Keller indicated that aerosol cans are placed in the gray bucket marked "satellite accumulation aerosols" in Photographs 15 and 16, and then each can is placed into the unit threaded to the top of the black 55-gallon container where it is punctured and the hazardous waste contents are captured in the hazardous waste satellite accumulation container and the aerosol can be disposed of as non-hazardous waste. I indicated to Mr. Keller that if the aerosol cans in the gray bucket had not yet been punctured, that the full gray bucket labeled as satellite accumulation should also be labeled with the words, "Hazardous Waste" and closed when not adding or removing hazardous waste. We then left the Hazardous Waste Storage Area and returned to the office area.

During the VSI portion of the CEI, I took sixteen photographs with my Canon PowerShot A2500 digital camera, with 16 megapixel resolution. These photographs are attached to this inspection report and are true and representative of the conditions I observed on the date of the CEI.

RECORDS REVIEW

As part of the Records Review I reviewed waste analyses and waste analysis procedures, hazardous waste manifests (manifests), land disposal restriction (LDR) forms and certifications, daily and weekly inspection documentation, the facility Contingency Plan (Facility Response Plan), Annual Reports and training records.

Based on a review of manifests, I confirmed that Multek was an LQG and conducted the Records Review accordingly. I reviewed an electronically controlled copy of Multek's Facility Response Plan dated February 15, 2012, and the training described in the Environmental, Health and Safety Policies. Mr. Keller also provided records documenting training, including the April 9th and April 12th, 2014 training given by Mr. Keller to Multek employees.

During the Records review, I asked Mr. Keller about the labeling of the WWT Tanks T-12, T-13 and T-14 with the words, "Hazardous Waste." Mr. Keller indicated that he was instructed to label the three tanks by the Minnesota Pollution Control Agency (Minnesota PCA), and he provided me with tank records for review including secondary containment, tank specifications, etc., but not a tank assessment certified by a professional engineer specified in Minnesota Rule 7045.0528. I told Mr. Keller that I would check with the Minnesota PCA to see if there were

records in their files regarding the three tanks and whether they met the conditions for the WWT Unit exclusion found at 40 CFR § 264.1(g)(6).

CLOSING CONFERENCE

At the end of the CEI, I conducted a closing conference with Mr. Keller. I summarized the observations I had made during the VSI and Record Review. I stated that I would contact the Minnesota Pollution Control Agency (Minnesota PCA), to see if I could determine what decision the PCA may have made regarding the regulation of Tanks T-12, T-13 and T-14 as hazardous waste tanks.

I explained that I would review my notes, checklist and photographs and make a compliance decision in consultation with my management. I also explained that I would send a letter to Multek, along with the inspection report, checklist and photographs. I then concluded the CEI and returned to my vehicle. I departed Multek at approximately 1:00 PM.

NOTE

I contacted Brandon Finke of the Minnesota PCA after I returned from the Multek CEI. Mr. Finke checked PCA's records. Both he and John Elling of PCA, indicated that they believed that I was correct in my finding that the three tanks are wastewater process treatment tanks and exempt from the hazardous waste permitting requirements because the tanks: 1) are part of the WWT facility subject to the Clean Water Act; 2) receive, treat or store influent wastewater that is a hazardous waste or generate and accumulate a hazardous waste sludge; 3) meet the definition of a tank or tank system; and 4) not being used on a routine or occasional basis to store or treat hazardous waste prior to shipment.

Attachment(s)

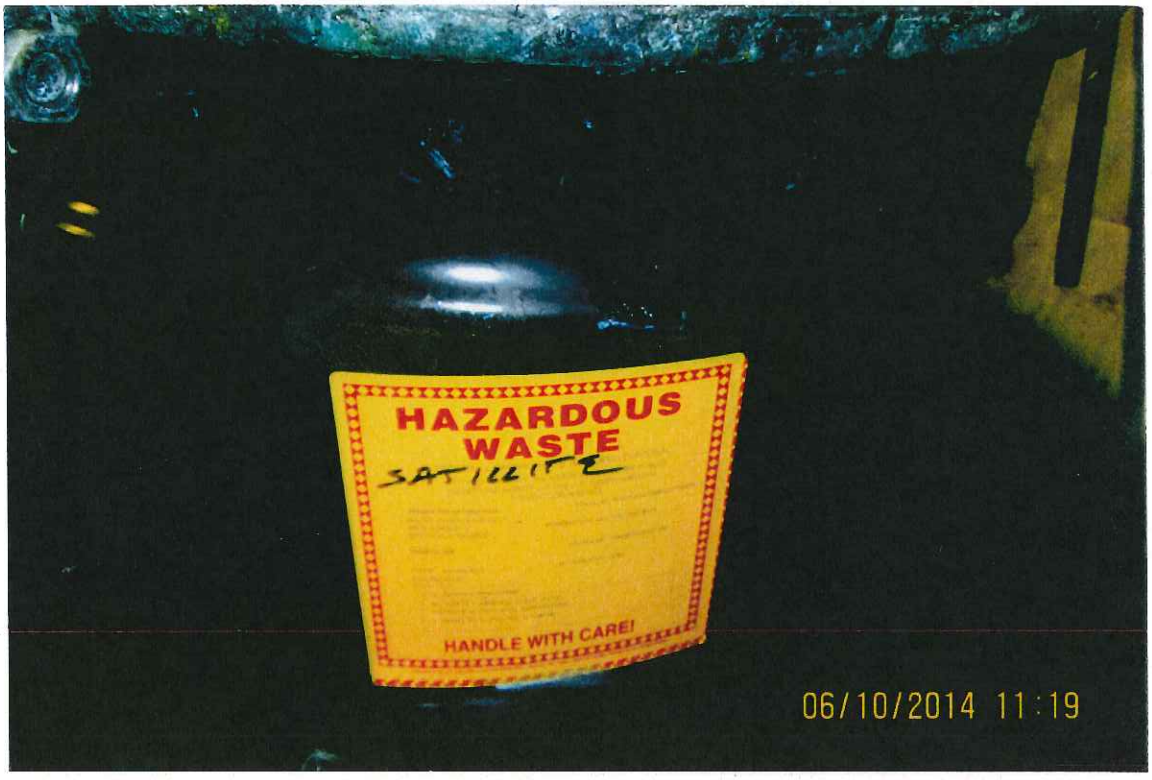
Inspection Checklist
Photographs (16)

Multek Flexible Circuits, Northfield, Rice County, Minnesota – EPA ID: MND 006 147 268
Photographer D. Sharrow with Canon Power Shot A2500 Digital Camera, 16 megapixel resolution.

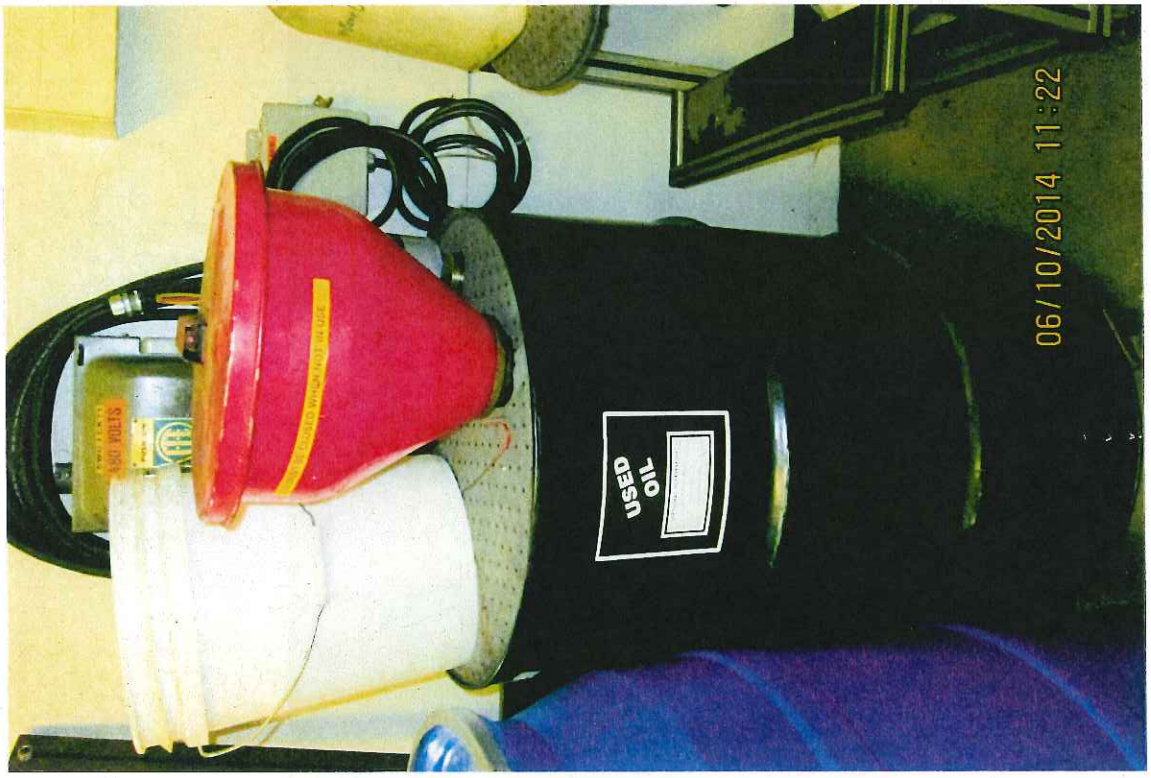
PHOTOGRAPH 15of 16: Aerosol can satellite accumulation signage and container (bucket).

PHOTOGRAPH 16 of 16: Aerosol can satellite accumulation container.

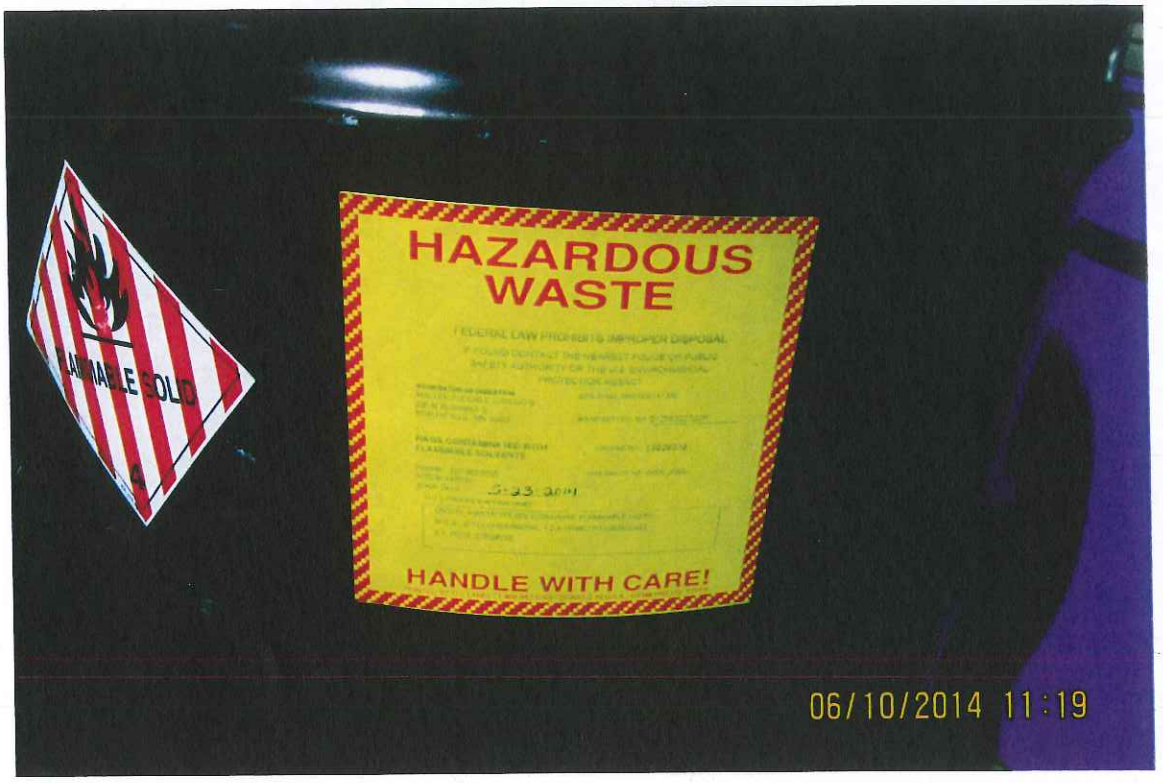
Multek Flexible Circuits, Northfield, Rice County, Minnesota – EPA ID: MND 006 147 268
Photographer D. Sharrow with Canon Power Shot A2500 Digital Camera, 16 megapixel resolution.



PHOTOGRAPH 13 of 16: Hazardous Waste Satellite Storage Container Label (waste ink).



PHOTOGRAPH 14 of 16: Used Oil Container.



PHOTOGRAPH 11 of 16: Hazardous Waste Storage Container label (waste rags).

PHOTOGRAPH 12 of 16: Hazardous Waste Satellite Storage Container (waste ink).

PHOTOGRAPH 9 of 16: Universal Waste (waste lamps and bulbs).

PHOTOGRAPH 10 of 16: Hazardous Waste Storage Container (waste rags).

PHOTOGRAPH 7 of 16: Tank T-14 Copper Waste.

PHOTOGRAPH 8 of 16: Wastewater Treatment Sludge Container (in use).

PHOTOGRAPH 5 of 16: Tank T-12 Acid Regenerate.

PHOTOGRAPH 6 of 16: Tank T-13 Pit Waste.

PHOTOGRAPH 3 of 16: Hazardous Waste Storage Container Area Signage.

PHOTOGRAPH 4 of 16: Hazardous Waste Storage Container.

Multek Flexible Circuits, Northfield, Rice County, Minnesota – EPA ID: MND 006 147 268
Photographer D. Sharrow with Canon Power Shot A2500 Digital Camera, 16 megapixel resolution.

PHOTOGRAPH 1 of 16: Minnesota PCA Hazardous Waste Generator License

PHOTOGRAPH 2 of 16: Hazardous Waste Storage Containers (12 Poly-tote Bags in Boxes)

Minnesota Pollution Control Agency

Report Title: Large Quantity Generator (LQG) Compliance Evaluation Inspection Checklist

Preferred ID: MND006147268 Regulated Party: Multek Flexible Circuits, Inc

Date: 6/10/14 Inspector: Diane Sharrow, USEPA

G1: Licensing / EPA / Permits			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0221	Has Regulated Party obtained a generator identification number?	✓ YES	
7045.1020 A	Metro Area - Does the Regulated Party have an approved license?	NA	
7045.0225 1	Outstate - Does the site have a current hazardous waste generator license?	RacCo. ✓ YES	
7045.0230 1, B	Outstate - Did the Regulated Party include all hazardous waste streams on its license application?		
7045.0225 2	Is the Regulated Party's license displayed in a public area at the licensed site?	YES ✓	
7001.0520 1, A	Does the Regulated Party operate as a TSD without a permit?	NO	
MS 116.48 1	Are aboveground tanks >500 G registered with the MPCA? Are underground tanks registered with the MPCA?		

G1: Waste Evaluation			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0214 1	Have wastes been evaluated within 60 days of the date they were initially generated?	YES ✓ profiles	Profiles to UNIFAB
7045.0294 3	Are test result records of waste analyses kept for 3 years from the last time the waste was sent to a TSDF (on- or off-site)?	YES.	

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G1: General Management for Generators			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0208 1	Is hazardous waste properly disposed of?	yes ✓	
7045.0208 1, E	Does the Regulated Party comply with the POTW requirements for sewered hazardous waste?		
7045.0294 5	Are the required records (training, analytical results, inspection reports, license renewal app, exception reports, manifests) located at the licensed site and available for inspection?	yes ✓	
7045.0568 1	Have emergency response arrangements been made with local authorities and outside providers? (fire, police, local hospital, emergency responders)	yes ✓	
7045.0568 3	Has the Regulated Party documented in its operating record the arrangements made with local emergency authorities?	yes ✓	
7045.0655 3, A	If there is an elementary neutralization unit, a pretreatment unit and/or waste water treatment unit, does the owner or operator conduct timely inspections of the unit(s) for malfunction, deterioration, operator error and discharges?		
7045.0655 3, B	If there is an elementary neutralization unit, a pretreatment unit and/or waste water treatment unit, does the Regulated Party follow a written inspection schedule for inspection of all monitoring equipment, safety and emergency equipment, security devices and operating and structural equipment?		
7045.0655 3, E	If there is an elementary neutralization unit, a pretreatment unit and/or waste water treatment unit, are all applicable inspection (and repair) records (logs) kept for at least 3 years and available on-site?		
7045.0845	Does the Regulated Party properly manage used oil?	yes ✓	⇒ Does funnel cover need to be latched to be considered closed in Minnesota.
7045.0895 4	Has used oil accepted from or given to another business to be burned for energy recovery been tested to determine that it is on-specification?	N/A	

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G1: General Management for Generators			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0855 4, C	Does the Regulated Party keep records of every shipment of used oil leaving the generator site for at least three years?	yes	
7045.0805	Does the Regulated Party properly manage used oil-contaminated waste?	N/A	
7045.0855 4, C	Does the Regulated Party keep records of every shipment of used oil-contaminated waste leaving the generator site for at least three years?	N/A	
7045.0990	Is the Regulated Party properly managing used oil filters?	N/A	
7045.0990 3, C, 3	Does the Regulated Party keep records of all used oil filters taken off-site by used oil-filter transporters for at least three years?	N/A	
G1: Preparedness & Prevention			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0566 2	Is hazardous waste managed to prevent or minimize releases?	yes ✓	(did "not" closed on used rags?)
7045.0566 3, A	Is a suitable alarm or communication system in place to provide emergency instructions to Regulated Party personnel?	✓ yes	
7045.0566 3, B	Is emergency communication equipment available to summon outside emergency responders?	✓ yes	
7045.0566 3, C	Is fire control equipment, decontamination equipment, and spill control equipment available?	✓ yes.	

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G1: Preparedness & Prevention			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0566 3, D	Is water available in adequate volume for fire control (i.e., firehose, sprinkler system and/or foam equipment) ?	✓ yes	
7045.0566 4	Is emergency equipment tested and maintained?	✓ yes	
7045.0566 5	Does the Regulated Party provide all personnel involved in hazardous waste being poured, mixed, spread, or otherwise handled with immediate access to an internal alarm or emergency communication device?	✓ yes	
7045.0566 6	Is aisle space adequate for emergency operations (like fire fighting, spill cleanup, etc)?	✓ yes	
7060.0600 2	Has the Regulated Party discharged waste or pollutants to the unsaturated zone, through spills, dumping, sewering or other means?	no ✓	
7045.0275 2	If the Regulated Party had a release to the environment did the Regulated Party immediately notify the agency?	N/A	
7045.0275 3	If the Regulated Party has had a release, did the Regulated Party recover as rapidly and as thoroughly as possible, any HW that has leaked, spilled, or otherwise escaped a container?	N/A	
7045.0855 2, D	Upon detection of a release of used oil to the environment (not orginating from a UST) did the Regulated Party stop the release, contain the released used oil, clean up and manage properly the released used oil and other materials contaminated with used oil, and repair or replace any leaking used oil storage equipment prior to returning it to service to prevent future releases?	N/A	

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G1: Storage Requirements

Rule	Requirement	Compliance Status	Remarks
7045.0292 1, F	Are hazardous waste containers & tanks properly labeled with the words "Hazardous Waste" and a description that clearly identifies their contents to employees and emergency personnel?	yes	
7045.0292 1, C	Are hazardous waste containers and tanks labeled with the waste accumulation start date and is it visible for inspection? OR Is the accumulation start date recorded in a clear and legible log for non-shipping containers or tanks?		Pending
7045.0292 1, A	Has the generator stored HW for more than 90 days beyond the waste accumulation start date?	no	
7045.0292 1, D	Are hazardous waste storage areas (outdoors) protected from unauthorized access and inadvertent damage from vehicles & equipment?	yes none outdoors	
7045.0292 1, E	Are hazardous waste containers that hold free liquid placed on an impermeable containment surface? If outdoors, is the surface curbed?	yes NA	
7045.0626 2, A	Are hazardous waste storage containers in good condition and leakproof?	yes	Covers?
7045.0626 2, B	Are there suitable leakproof covers for the hazardous waste containers?	no	
7045.0626 3	Are hazardous waste storage containers compatible with the waste stored in them?	yes	
7045.0626 4	Are hazardous waste storage containers closed? Are waste containers which can be degraded when exposed to moisture or sunlight covered by an overhead roof or other suitable covering that does not hide the labels?	? see covers NA	
7045.0626 5	Are weekly inspections of hazardous waste containers and their storage areas conducted AND documented?	yes	

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G1: Storage Requirements			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0626 6	Are incompatible wastes adequately separated?	✓ yes	
7045.0292 8, B,2	Are satellite accumulation containers properly labeled with "Hazardous Waste" and a clear description of their contents?	✓ yes	
7045.0292 8, C,2	For satellite accumulation containers, if located away from the point of generation, are they inspected weekly, and are written records kept?	✓ yes	
7045.0292 8, D,1	For satellite accumulation containers, is fill date marked on the containers?	none yet filled	
7045.0292 8, D,2	For satellite accumulation containers, are they moved within 3 days of fill date to storage area?	" "	
7045.0855 2, C	If used oil is stored, is it stored in containers or tanks that are in good condition, stored on impermeable surfaces, kept closed, and labeled "Used Oil" (including tanks, containers and piping)?		funnel not latched?
7045.0855 2, C	Are wastes contaminated with used oil stored in containers or tanks that are in good condition, on impermeable surfaces, closed, and labeled "Used Oil" or "Used Oily Waste"?	N/A	
7045.0990 3, A	If used oil filters are stored, are they stored in containers that are closed, leakproof and labeled "Used Oil Filters"?	N/A	
273.14 (a)	Are universal waste batteries (each battery), or a battery storage container, labeled with: "Universal Waste-Battery(ies)," or "Waste Battery(ies)," or "Used Battery(ies)"?		
273.13 (a)	Are universal waste batteries (lead acid, NiCad, etc) that show evidence of leakage, spillage, or damage stored in a closed, structurally sound, compatible container?		

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G1: Storage Requirements			
Rule	**Requirement**	**Compliance Status**	**Remarks**
273.14 (e)	Are containers of universal waste lamps labeled with: "Universal Waste-Lamp(s)" or "Waste Lamp(s)" or "Used Lamp(s)"?	no ✓	No - labeled See Photo No. 9. "Fluorescent Bulbs for Recycling" X
273.13 (d)	Are universal waste lamps stored in closed containers that are structurally sound, adequate to prevent breakage, and compatible? Do containers lack evidence of leakage, spillage, or damage?	no ✓	Not Closed X
273.13 (c)	Is mercury containing equipment stored in closed containers that are structurally sound, compatible with the contents of the device? Does the container lack evidence of leakage, spillage, or damage?	N/A ✓	
273.14 (d)	Is mercury containing equipment (i.e. each device) or a container in which the equipment in contained labeld with: "Universal Waste - Mercury Containing Equipment," "Waste Mercury-Containing Equipment," or "Used Mercury -Containing Equipment"?	N/A ✓	

G1: Manifests			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0261 1	Are shipments of hazardous waste made without using a manifest? (exceptions for VSQGs)	no ✓	
7045.0261 7	Do manifests contain ALL of the following?: Manifest document number, generator data, transporter data, facility data, waste data, required signatures & dates, and a 24 hour emergency number. (document problem manifests in remarks and Description of Violation)	✓ yes	
7045.0265 1, D	Have copies of manifests signed by the generator and transporter been sent to the MPCA within five working days of the initial transporter's acceptance of the waste?	✓ yes	
7045.0265 4, A	Have copies of manifests signed by the facility been sent to the MPCA within 40 days of the acceptance of the waste by the facility?	✓ yes	

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G1: Manifests			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0298	If applicable, has the generator submitted to the MPCA an exception report for manifest copies not received back from the TSDF within 45 days of the date the waste was initially shipped?	n/A	
7045.0294 1	Are signed facility copies of manifests available for review for 3 years from the date material was accepted by the initial transporter?	yes ✓	
7045.0302 1	If Regulated Party exports hazardous waste, are all applicable rules being complied with? (notification, consent, EPA acknowledgement of consent, shipping papers or manifests, etc)	no exports	

G1: Land Disposal Restrictions			
Rule	**Requirement**	**Compliance Status**	**Remarks**
268.7 (a), (2)	For waste or contaminated soil that does not meet treatment standards, has the Regulated Party sent a one-time land disposal restriction notification to the receiving treatment or storage facility? Is a copy of the notification available at the Regulated Party's site? Have new notifications been sent when there are changes in waste streams and to any new receiving facilities?	N/A. yes soil ✓ ✓ yes LDRs	

G1: Personnel Training			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0558 1	Have employees that manage hazardous waste completed a hazardous waste training program?	yes ✓ updated 12/2014	
7045.0558 2	Does the Regulated Party have a hazardous waste program director trained in hazardous waste management procedures?	yes ✓	
7045.0558 3	Does the training program include hazardous waste management and emergency response procedures relevant to the positions held by facility personnel?	yes ✓	

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G1: Personnel Training			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.05584	Are new employees trained in hazardous waste management within 6 months of hire or transfer?	✓ yes	
7045.05585	Is refresher training regarding the management of hazardous waste provided at least once per calendar year?	✓ yes	
7045.05586, A	Does the Regulated Party maintain training records which include a job title for each position at the facility related to hazardous waste?	✓ yes	Electronic
7045.05586, B	Do the records include a job description for each position related to hazardous waste?	✓ yes	
7045.05586, C	Is a written description of the type and amount of training (initial & continuing) documented for each position related to hazardous waste?	✓ yes	
7045.05586, D	Has the Regulated Party kept records that document that the initial training and annual review training has been given?	✓ yes	
7045.05587	Have training records been maintained for lifetime of facility (or 3 years after an employee leaves.)?	✓ yes	

G1: Contingency Plan			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.05722	Does the Regulated Party have a contingency plan?	✓ yes	Facility Response Plan 2/15/12 Controlled Cop Env. H+S Adviser + CP
7045.05741	Does the Regulated Party have an Emergency Coordinator on-site or on-call, and does s/he have authority to act (commit resources?)	✓ yes	

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G1: Contingency Plan			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0572 4, A	Does the contingency plan specify employees' emergency response actions?	✓ yes	
7045.0572 4, C	Does the plan describe arrangements agreed to with local emergency responders?	✓ yes	
7045.0572 4, D	Does the plan include up-to-date name, address and Home and Work phone numbers for emergency coordinators?	✓ yes	
7045.0572 4, E	Does the contingency plan include an up-to-date emergency equipment list?	✓ yes	
7045.0572 4, F	Is there an evacuation plan for employees that includes signals used to begin evacuation, and primary and alternate evacuation routes?	✓ yes	
7045.0572 5, A	Is a copy of the contingency plan maintained on-site?	✓ yes	
7045.0572 5, B	Have copies of the contingency plan been submitted to local authorities and emergency response teams?	✓ yes	
7045.0572 6	Has the contingency plan been amended when necessary? (rule change, emerg.eqpt change, process change, emerg. coord. change, plan failed)	✓ yes	

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Storage Requirements

Rule	Requirement	Compliance Status	Remarks
7045.0528 4, A	Do all tanks have secondary containment?	yes	
7045.0528 4, C,1	Is secondary containment material compatible with storage waste?	yes apparently	
7045.0528 4, E,3	Is secondary containment free of cracks or gaps?	yes apparently	
7045.0528 4, C,3	Is there a leak detection system intact, able to detect a leak within 24 hours or the earliest possible time?	yes apparently	
7045.0528 4, E,1	Does secondary containment have adequate capacity (100% of volume of largest tank)?	yes apparently	
7045.0528 4, C,4	Is the secondary containment designed or operated to prevent inflow of precipitation OR for each removal of precipitation?	yes Indoors NA	
7045.0528 4, B,1	Is secondary containment constructed with liquid stops (caulking, coating) at the joints and is it lined or coated to prevent migration out of the system?	yes apparently	
7045.0528 4, H	Is ancillary equipment provided with secondary containment (trench, jacketed, double walled)?		
7045.0528 4, H,2	Does ancillary equipment have welded fittings or welded flange fittings that undergo documented daily inspections?		
7045.0528 9, A	Does the closure plan include the cleaning, dismantling and disposing of the tank systems?		
7045.0528 6, B,1	Do adequate spill prevention controls exist (check valves, dry disconnects, etc.)?		
7045.0528 6, B,2	Do adequate overfill controls exist (high level alarms, auto feed cutoff, etc.)?		

Information about tanks

Tank Identification	Description of waste	Waste Codes	Capacity
Tank A (T-A)	these 3 backup & not in use		
Tank B (T-B)			
Tank C (T-C)			
Tank 12 (T-12)	acid Regenerate		no tank PE Cert.
Tank 13 (T-13)	Pit Waste		
Tank 14 (T-14)	acid Copper Waste		

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Storage Requirements			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0528 6, B,3	If tank is open, is adequate freeboard maintained to prevent overtopping by wave or wind action of by precipitation?	N/A	Not open-topped
7045.0528 7, A	Is there a daily inspection (and schedule) which covers the following items: overfill, spill equipment, corrosion and degradation of tanks, degradation of secondary containment, the data gathered from monitoring equipment and leak detection systems, evidence of spills or leaks, ancillary equipment and secondary containment for ancillary equipment?	✓ yes	
7045.0528 7, C,1	If there is cathodic protection (USTs), are annual inspections made of the cathodic protection system to ensure proper functioning?	n/A	
7045.0528 7, C,2	If there is cathodic protection (USTs), are bi-monthly inspections/testing made of all sources of impressed current?	N/A	
7045.0528 8, B,2	Are leaks/spills into the secondary containment of the tank system detected and removed within 24 hours?	yes ✓ apparently	
7045.0528 8, D,1	Have releases to the environment (in excess of 1 lb.) been reported to the MPCA Commissioner within 24 hours of detection?	N/A	
7045.0528 8, E,3	If a tank system has leaked, was it repaired prior to returning the system to service?	N/A	
7045.0528 10, A	Has waste been treated, mixed or otherwise rendered nonreactive or not ignitable (except in emergency conditions)?	?	
7045.0528 10, B	If contents are ignitable or reactive, is the tank protected from conditions that may cause it to ignite (e.g. use of spark proof tools) or protected from contact with materials that may cause it to react?		
7045.0528 10	Is the required "Minnesota Uniform Fire Code" buffer zone provided between the tank system and public ways or adjoining properties? AND does the waste analysis plan include analysis needed to comply with the special requirements for ignitable or reactive waste?	✓ yes?	

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Storage Requirements			
Rule	**Requirement**	**Compliance Status**	**Remarks**
7045.0528 3, A	Does the owner/operator have a certification by an independent professional engineer, attesting that the tank system design is adequate, waste and system materials are compatible and corrosion protection will be adequate?		No Certifications
7045.0528 3, G	Does the owner/operator have a certification of proper installation from an independent professional engineer or installation inspector?		
7045.0528 3, B	Does the certification of proper installation discuss: weld breaks, punctures, scrapes on protection coatings, cracks, corrosion, and other damage or independent construction?		
7045.0528 3, D	Can the owner/operator provide documentation that the tank and ancillary equipment was tightness tested prior to being placed in service?	✓	Installed new per Mr. Keller
7045.0655 3, A	If the tank is an ~~elementary neutralization unit, a pretreatment unit and/or wastewater treatment unit,~~ does the owner or operator conduct timely inspections of the unit(s) for malfunction, deterioration, operator error and discharges?	yes ✓	
7045.0655 3, B	If the tank is an ~~elementary neutralization unit, a pretreatment unit and/or wastewater treatment unit,~~ does the company follow a written inspection schedule for inspection of all monitoring equipment, security devices and operatoring and structural equipment?	yes ✓	
7045.0655 3, E	If the tank is an ~~elementary neutralization unit, a pretreatment unit and/or wastewater treatment unit,~~ are all applicable inspection (and repair) records (logs) kept for at least 3 years and available on-site?	yes ✓	

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